

FIG.1A

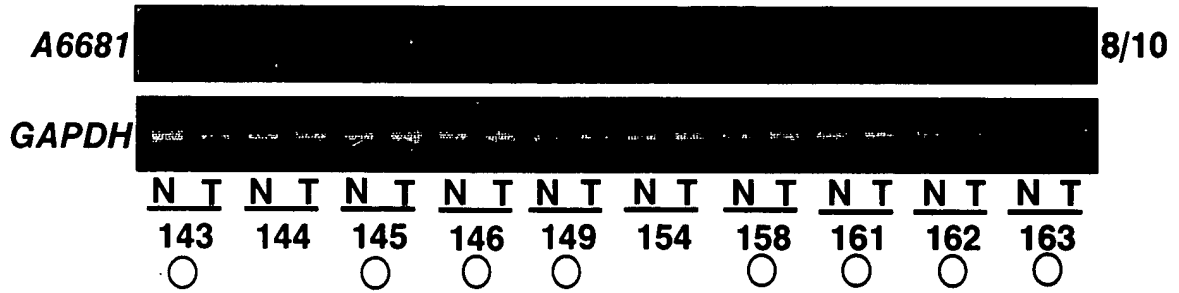


FIG.1B

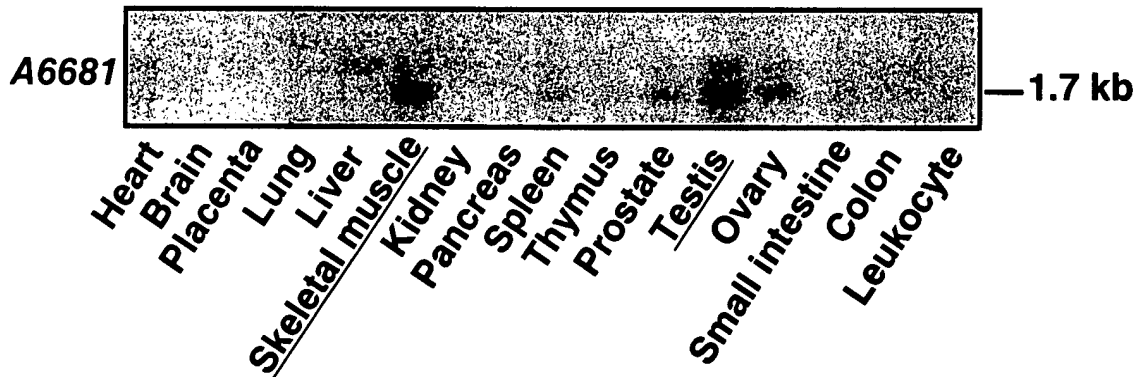


FIG.1C

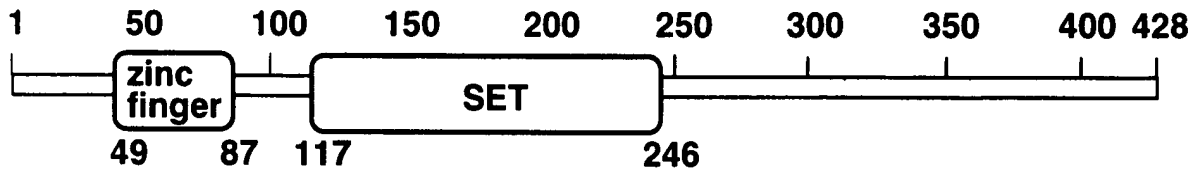


FIG.2A

		A	
ZNFN3A1 : 1	MEPLKVEKFATANRGNGLRVAVPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM	60	
	ME LKVEKF TANRGNGLRV PLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM		
AK010447: 1	MEALKVEKFTTANRGNGLRVAVPLRPGELLFRSDPLAYTVCKGSRGVVCDRCLLGKEKLM	60	
ZNFN3A1 : 61	RCSQCRVAKYCSAKCOKKAWPDHKRECKCLKSCKPRYPDSVRLLGRVVKLMDGAPSES	120	
	RCSQCR+AKYCSAKCOKKAWPDH+REC CLKSCKPRYPDSVRLLGRV+ KLMD PSES		B
AK010447: 61	RCSQCRIAKYCSAKCOKKAWPDHRECSCLKSCKPRYPDSVRLLGRVIVKLMDEKPPSES	120	
ZNFN3A1 : 121	EKLYSFYDLESNI+KL TEDKKEGLROLVMTFQHFMRREEIQDASQLPPAFDLFEAFKVIC	180	
	EKLYSFYDLESNI+KL TEDKKEGLROLVMTFQHFMRREEIQDASQLPP+FDLFEAFKVIC		
AK010447: 121	EKLYSFYDLESNISKLTEDKKEGLROLAMTFQHFMRREEIQDASQLPPSFDLFEAFKVIC	180	
ZNFN3A1 : 181	NSFTICNAEMQEVGVGLYPSISLLNHSCDPNCISVFNGPHLLRAVRDIEVGEELTICYL	240	
	NSFTICNAEMQEVGVGLYPS+SLLNHSCDPNCISVFNGPHLLRAVR+IE GEELTICYL		
AK010447: 181	NSFTICNAEMQEVGVGLYPSMSLLNHSCDPNCISVFNGPHLLRAVREIEAGEELTICYL	240	
ZNFN3A1 : 241	DMLMTSEERRKQLRDQYCFE CDCFRCTQDKDADMLTGDEQVWKEVQESLKKIEELKAHW	300	
	DMLMTSEERRKQLRDQYCFE CDC RCQTQDKDADMLTGDEQ+WKEVQESLKKIEELKAHW		
AK010447: 241	DMLMTSEERRKQLRDQYCFE CDCIRCQTQDKDADMLTGDEQIWKEVQESLKKIEELKAHW	300	
ZNFN3A1 : 301	KWEQVLAMCQAISSNSERLPDINIYQLKVLD CAMDACINLGLLEEALFYGTRTMEPYRI	360	
	KWEQVLA+CQAI+SNS RLPDINIYQLKVLD CAMDACINLG+LEEALFY RTMEPYRI		
AK010447: 301	KWEQVLALCQAIINSNSNRLPDINIYQLKVLD CAMDACINLGMLEEALFYAMRTMEPYRI	360	
ZNFN3A1 : 361	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIMRVTHGREHSLIEDLILLLEE	420	
	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIM+VTHGREHSLIEDLILLLEE		
AK010447: 361	FFPGSHPVGRGVQVMKVGKLQLHQGMFPQAMKNLRLAFDIMKVTHGREHSLIEDLILLLEE	420	
ZNFN3A1 : 421	CDANIRAS	428	
	CDANIRAS		
AK010447: 421	CDANIRAS	428	

FIG.2B

FIG.3A

FIG.3B

FIG.3C

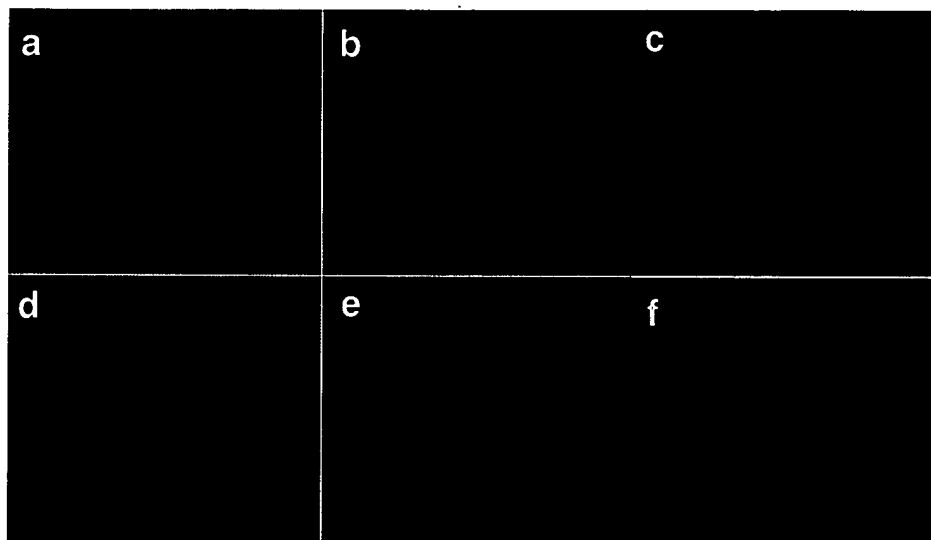


FIG.3D

FIG.3E

FIG.3F

FIG.3G

FIG.3H

FIG.3I

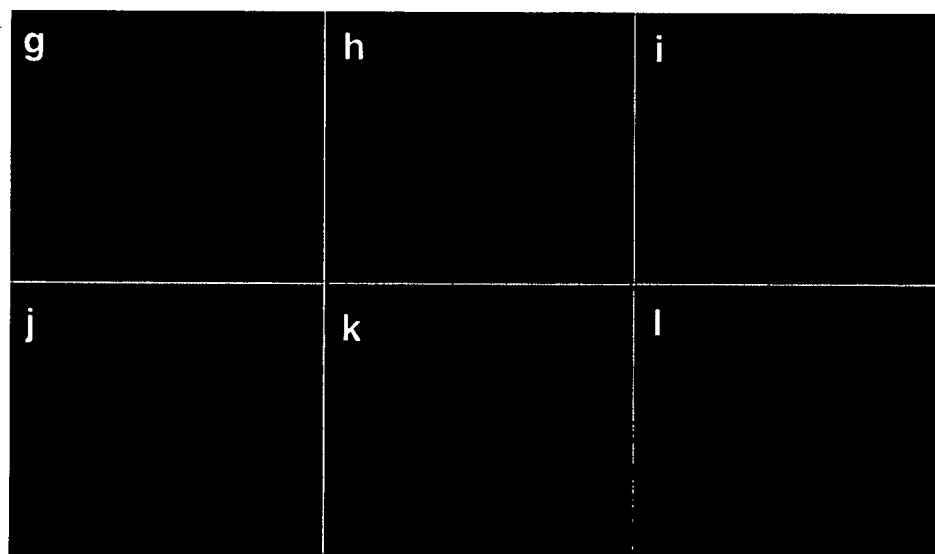


FIG.3J

FIG.3K

FIG.3L

FIG.3M

FIG.3N

FIG.3O

m	n	o
p	q	r

FIG.3P

FIG.3Q

FIG.3R

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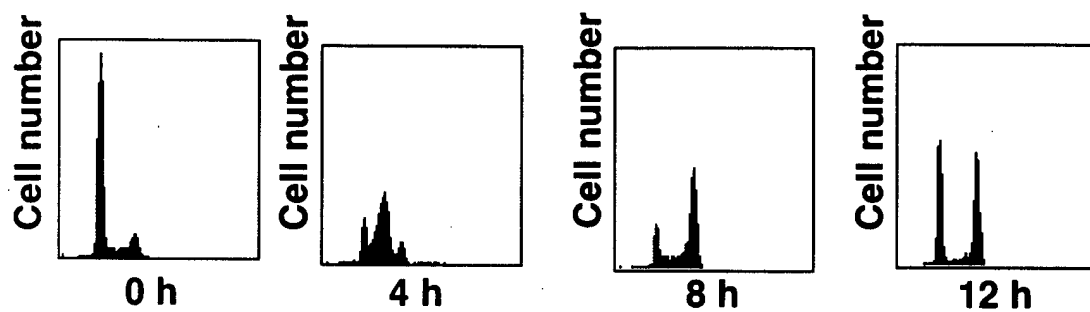


FIG.4A



FIG.4B

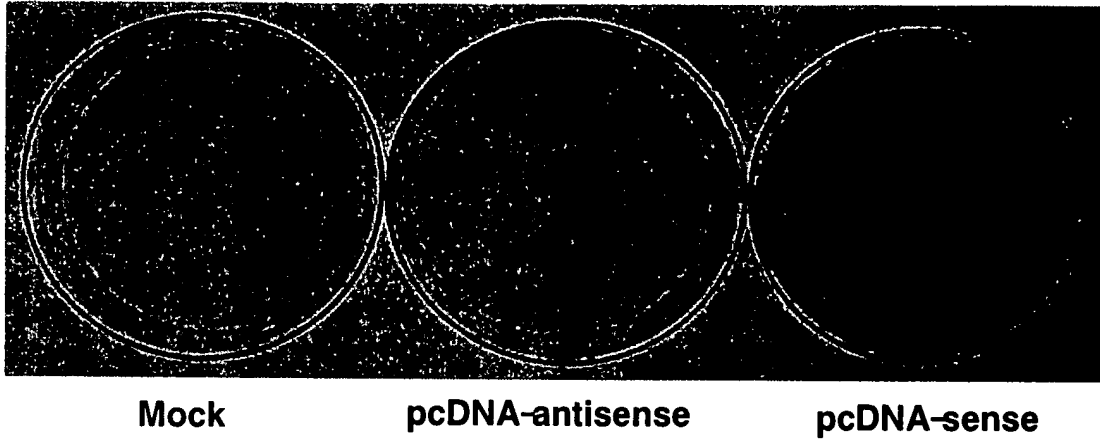


FIG.5A

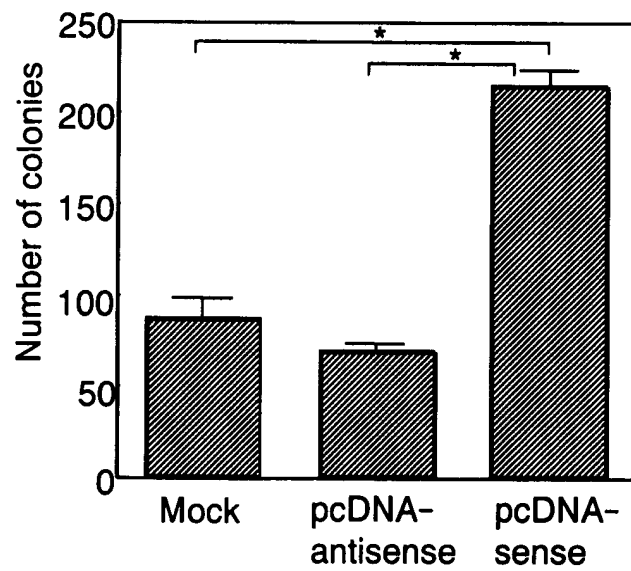


FIG.5B

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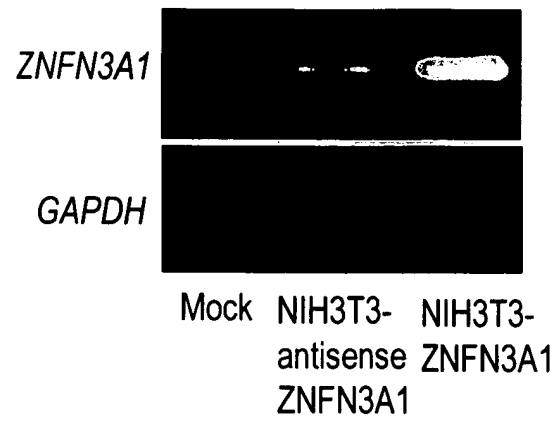


FIG.5C

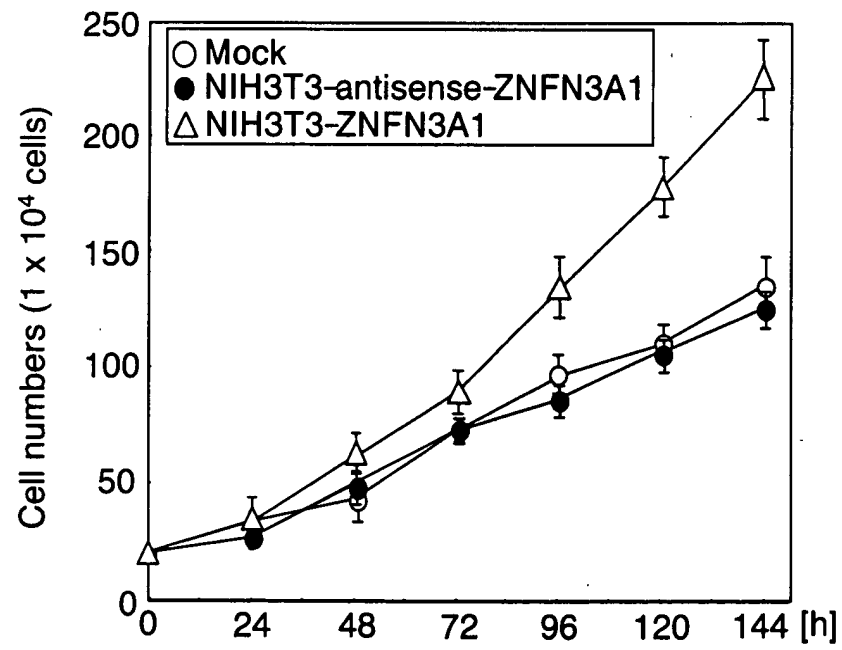


FIG.5D

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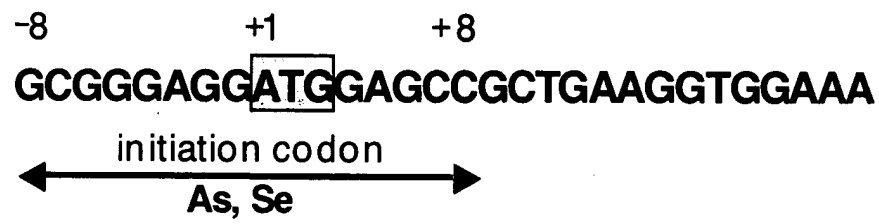


FIG.6A

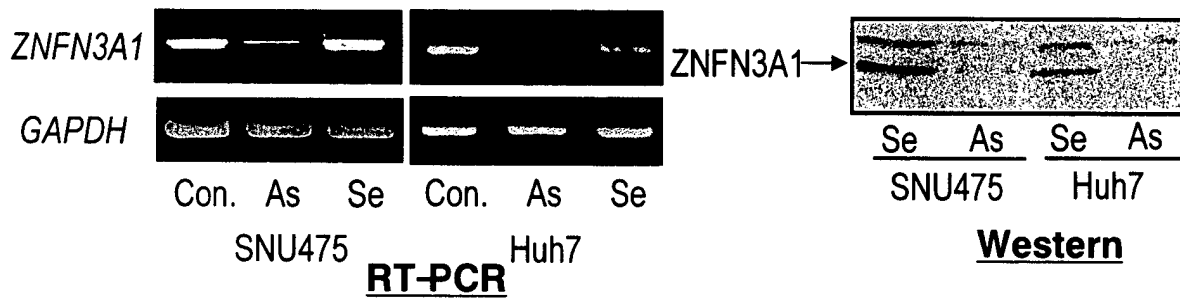


FIG.6B

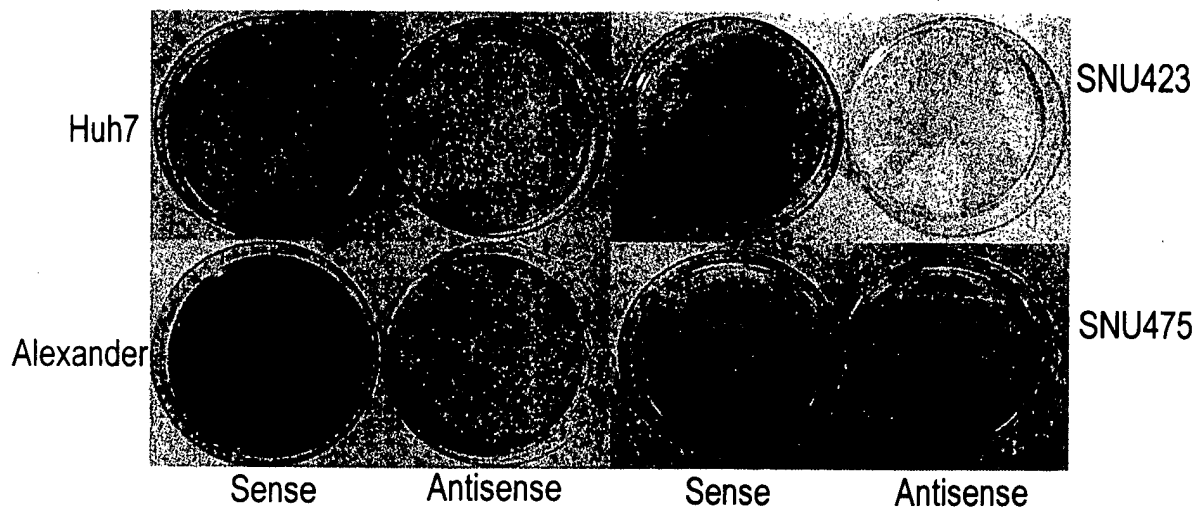
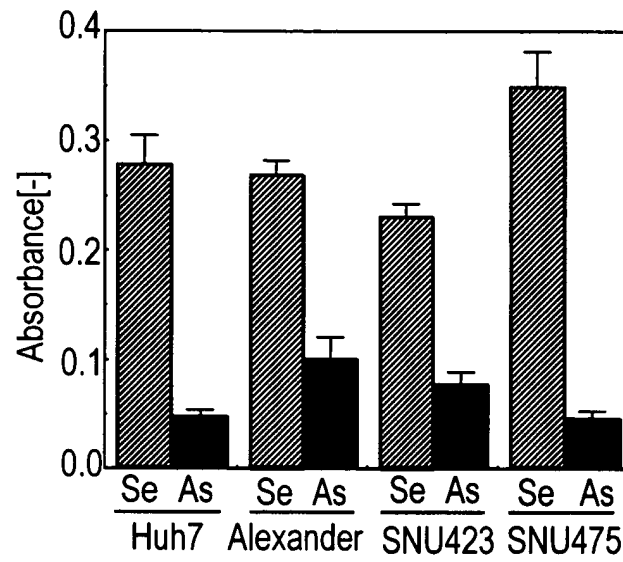
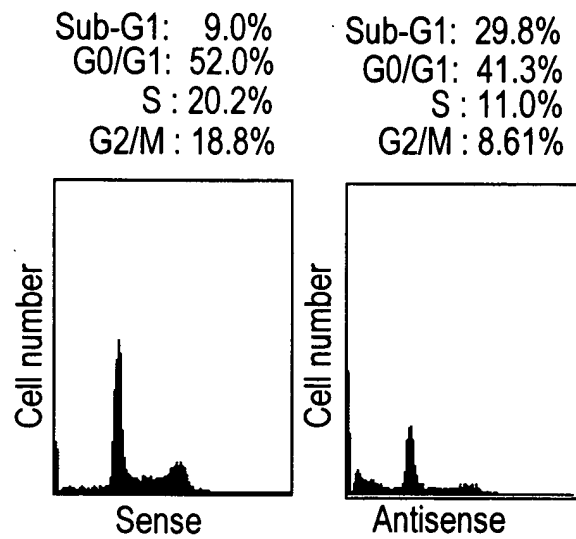
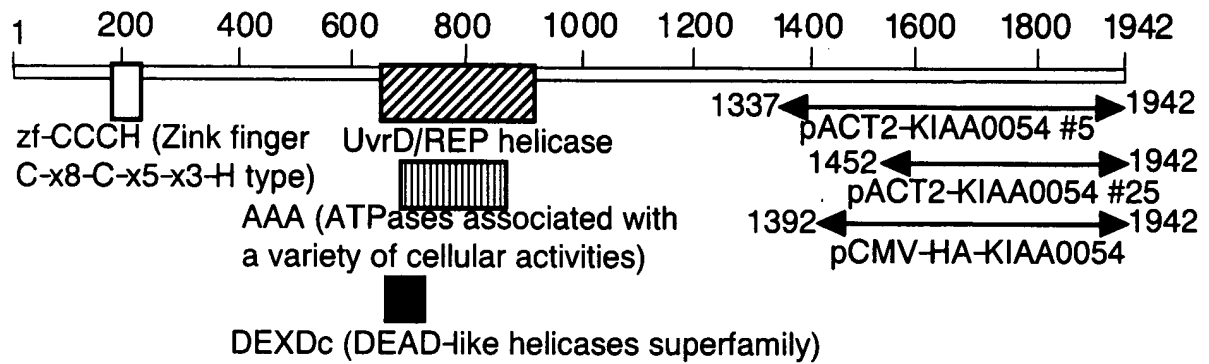
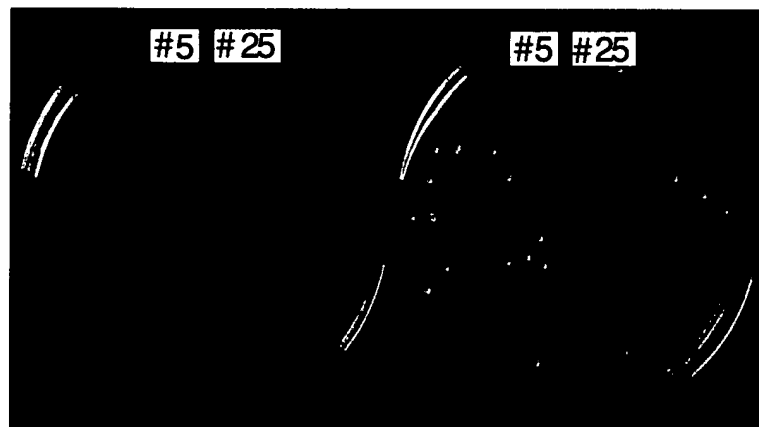


FIG.6C

**FIG.6D****FIG.6E**

**FIG. 7A**

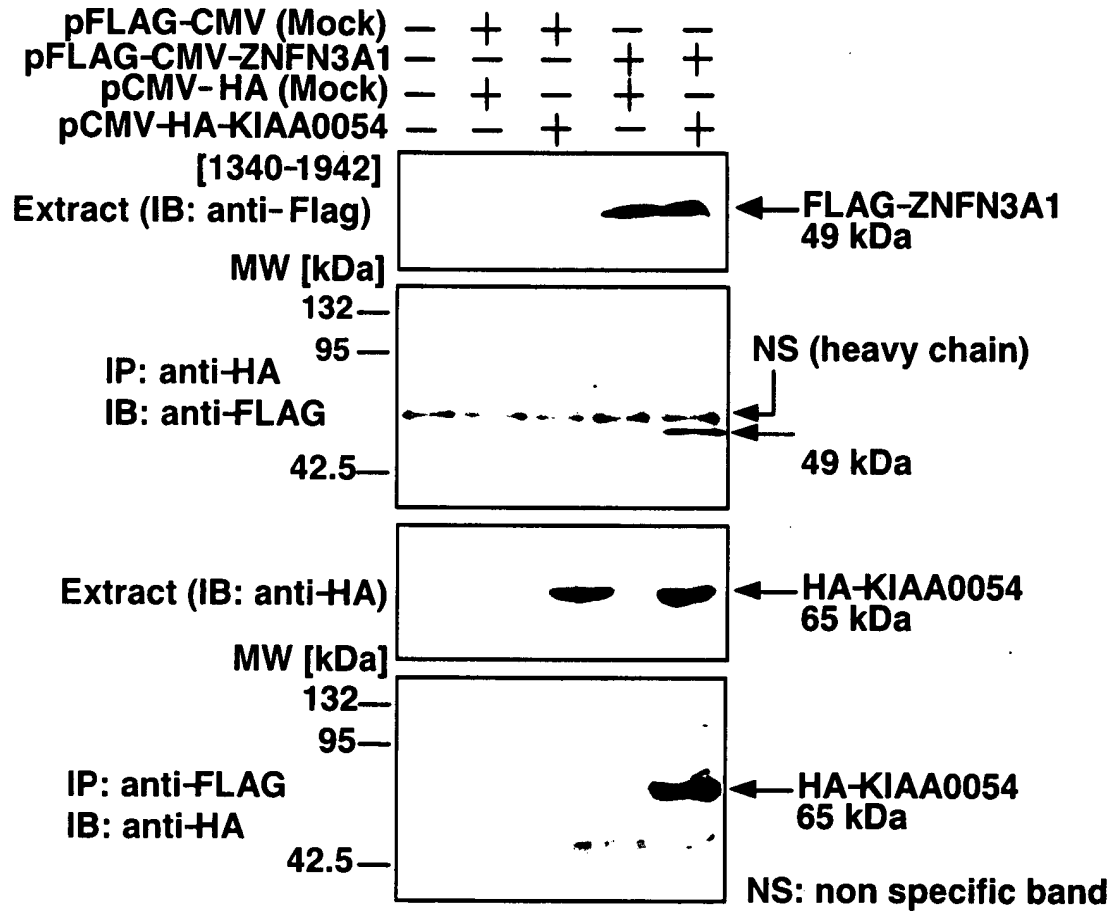
Bait: pAS2-1 (empty)

Prey: pACT2-KIAA0054

Bait: pAS2-1 (ZNFN3A1)

Prey: pACT2-KIAA0054

FIG. 7B

**FIG. 7C**

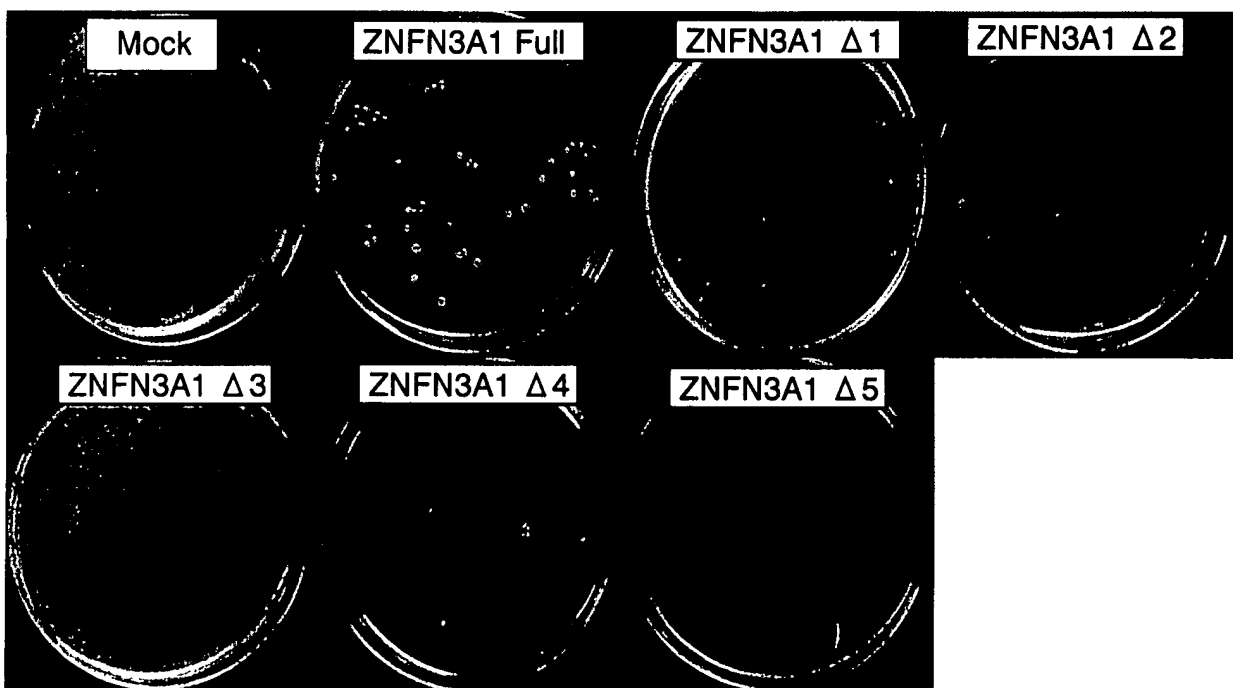
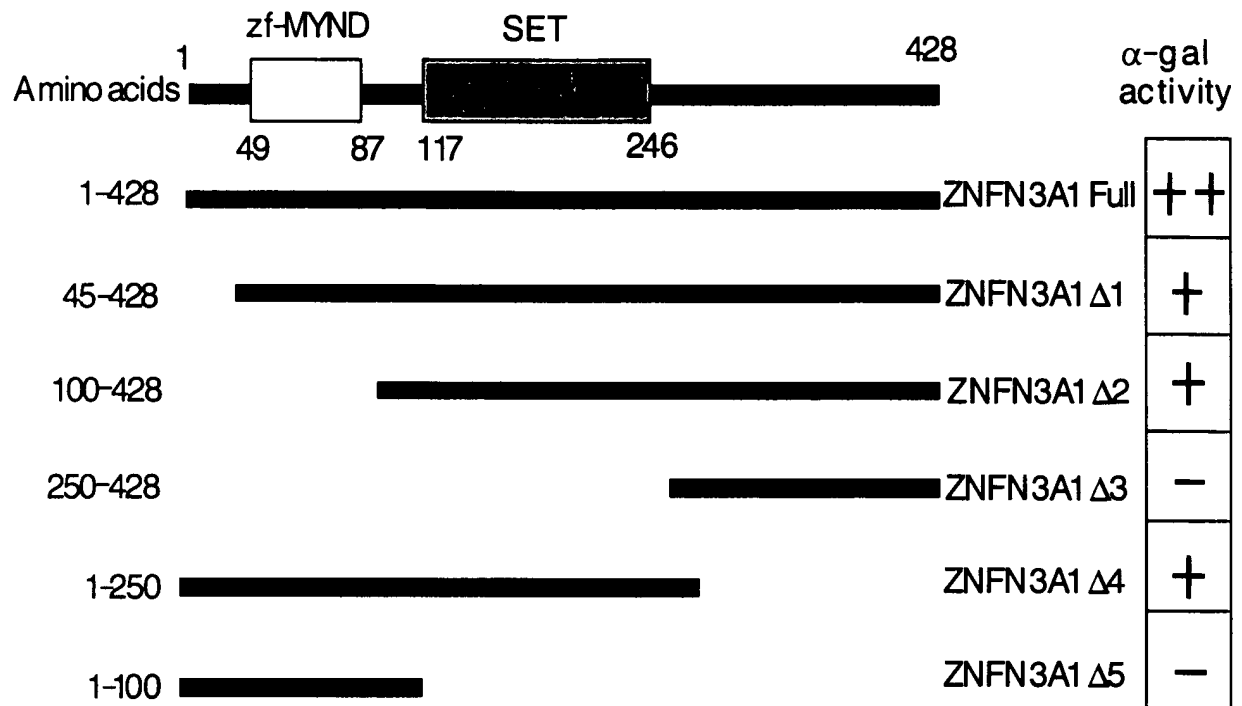


FIG. 8

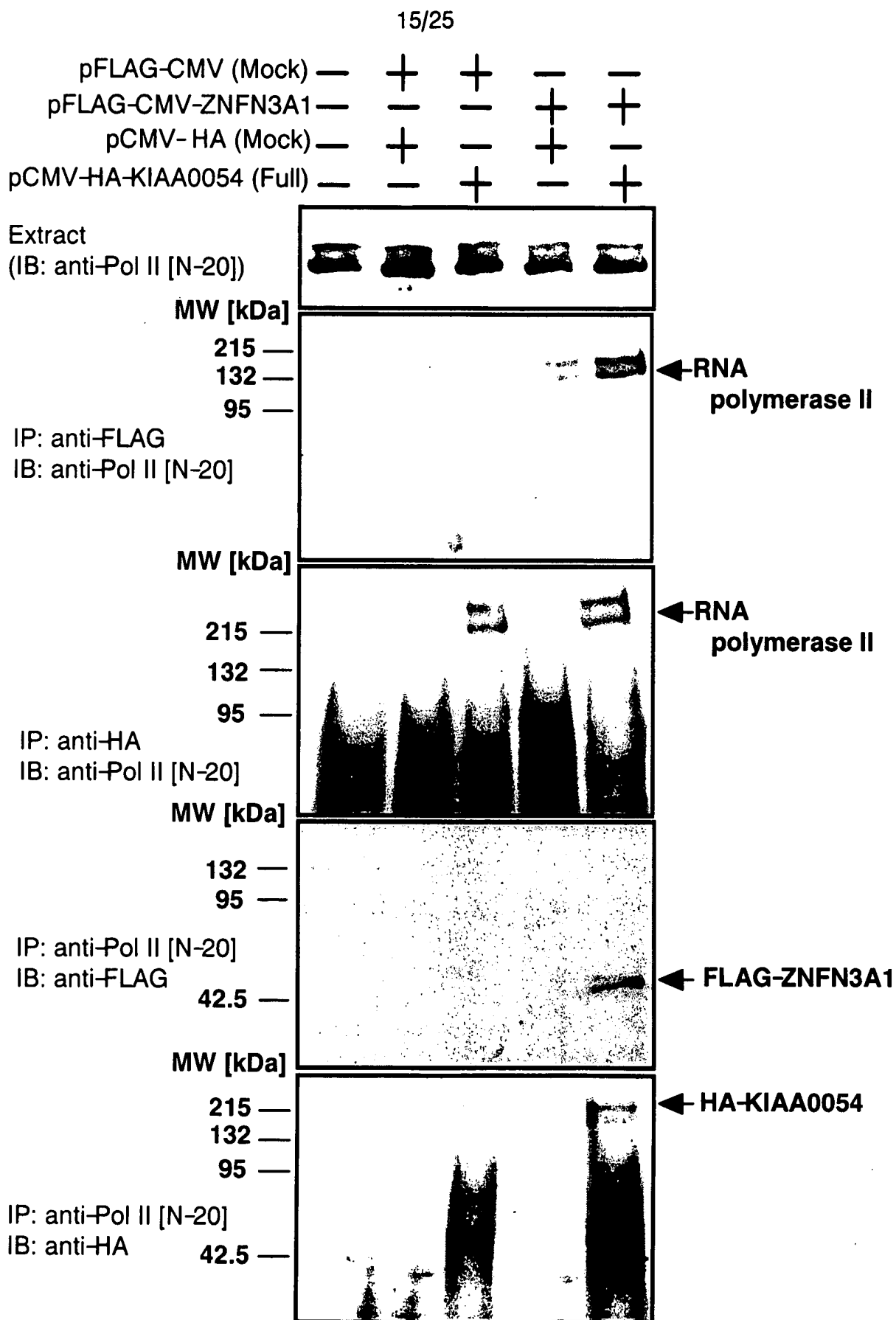


FIG. 9

	Experimental probability	Theoretical probability	<u>Experimental</u> <u>Theoretical</u>
<u>CCCTC</u>	(37.0%)	0.015 (1.5%)	24.6
<u>CCCTCC</u>	(34.8%)	0.0034 (0.34%)	102.3
<u>CCCCCTCC</u>	(20.7%)	0.00079 (0.079%)	262
<u>CCCTCCT</u>	(20.0%)	0.00079 (0.079%)	253

↓

(C) <u>CCCTCC</u> (T)	(10.6%)	0.00018 (0.018%)	589
(A) <u>GGAGGG</u> (G)	(10.6%)	0.00018 (0.018%)	589

FIG. 10A

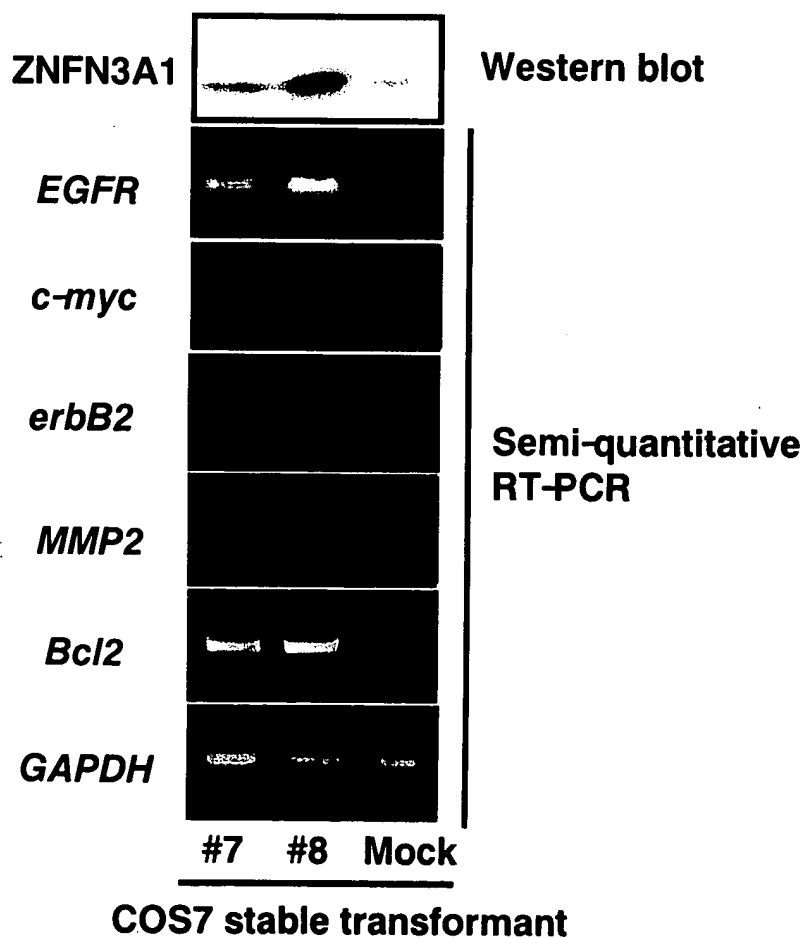


FIG. 10B

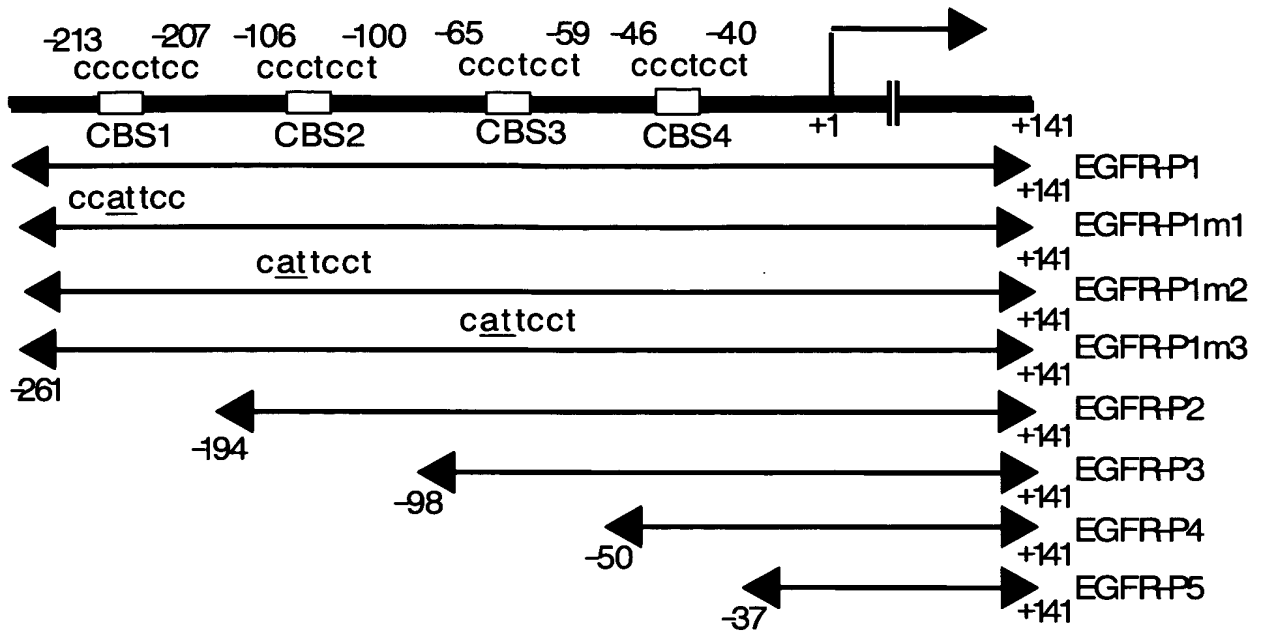


FIG. 11A

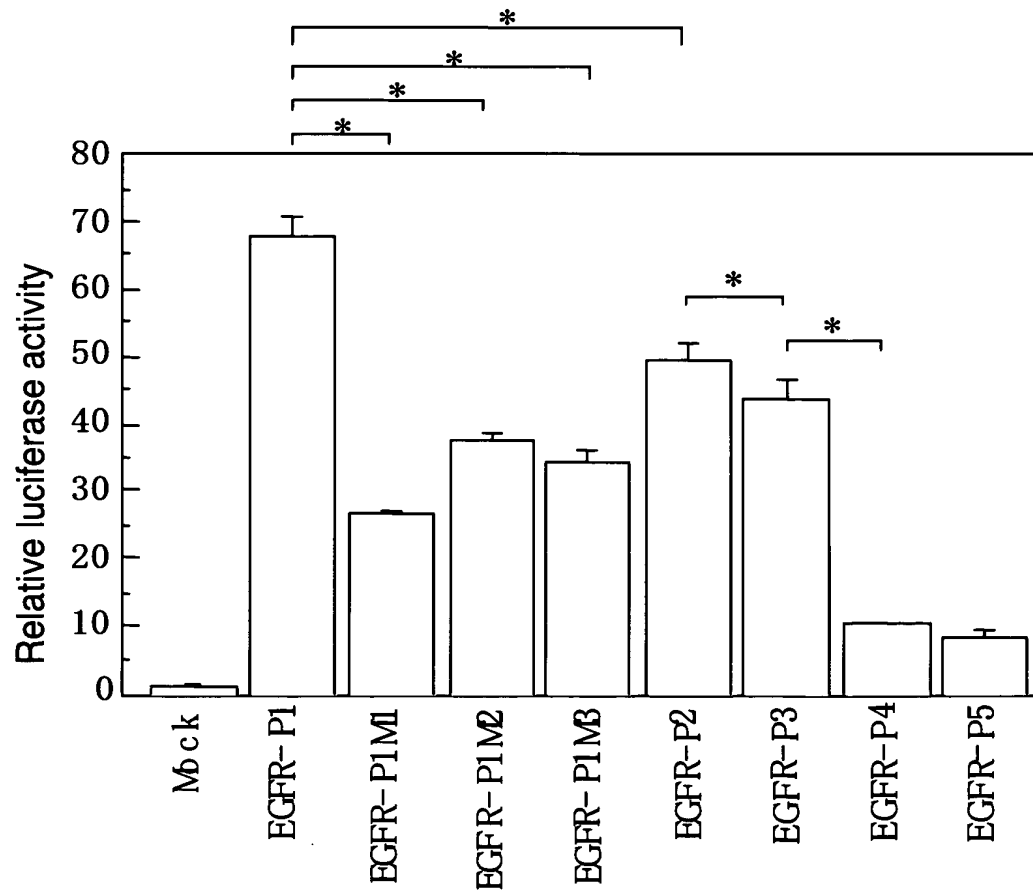
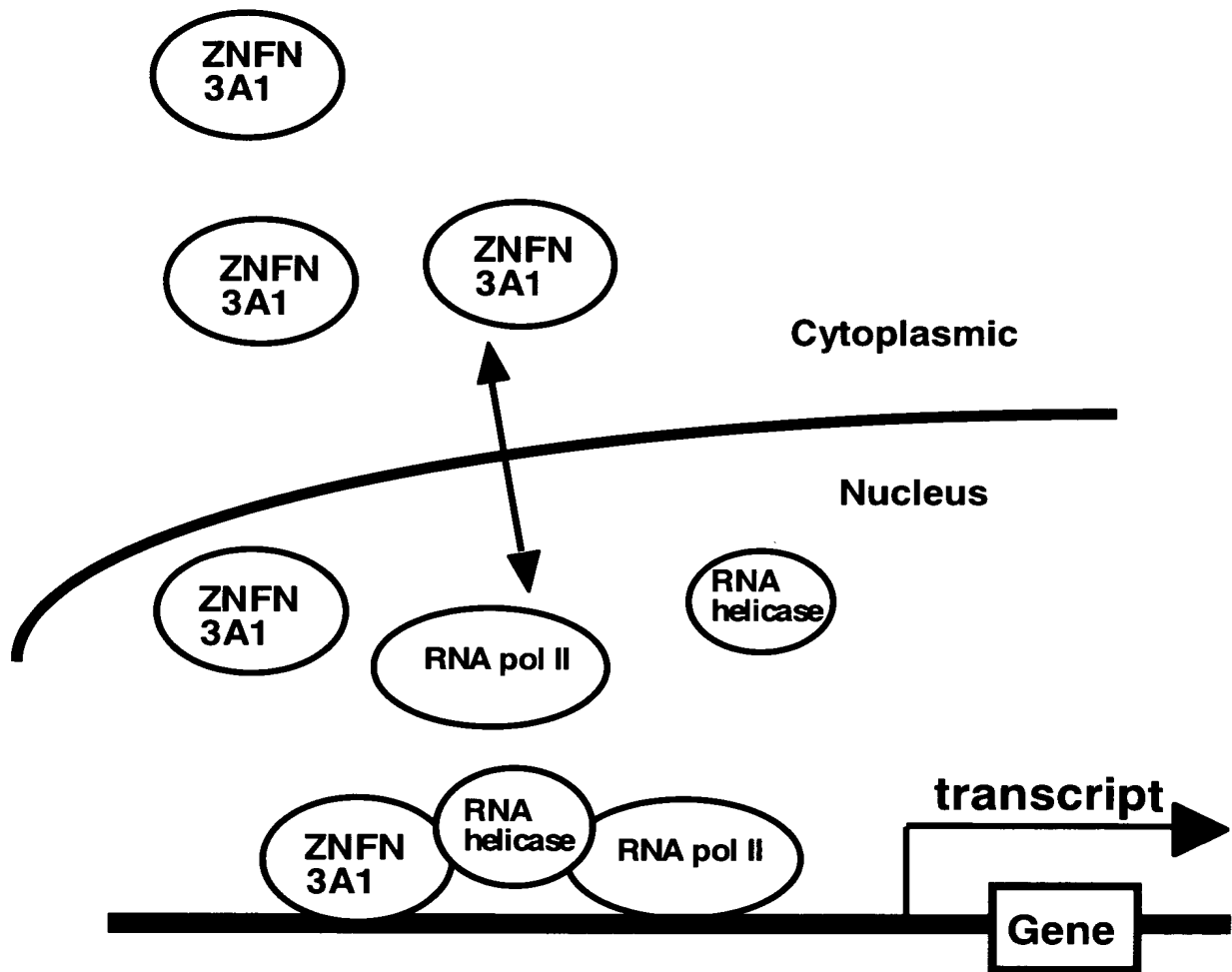


FIG. 11B

**FIG. 12**

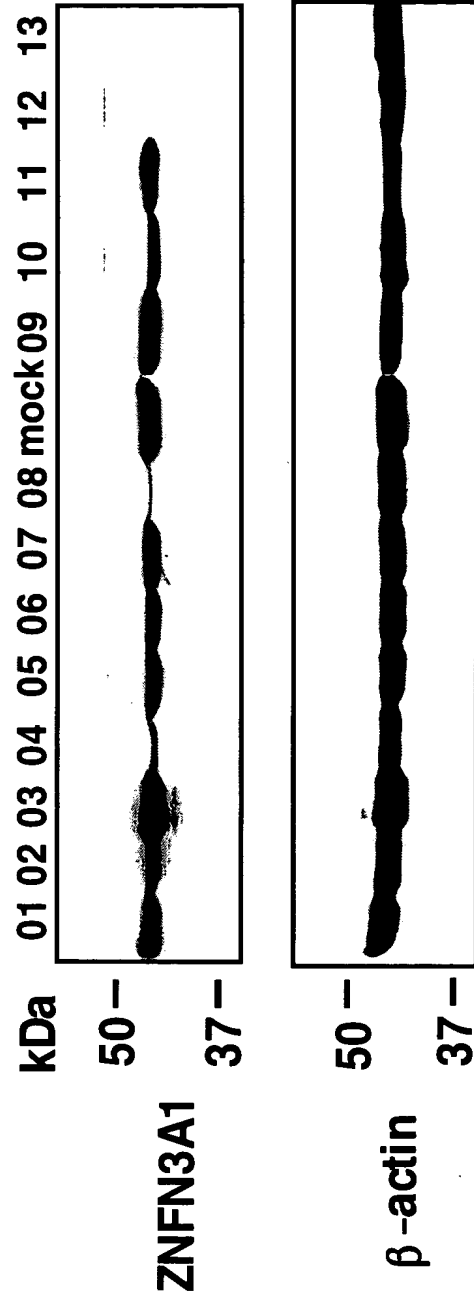


FIG. 13

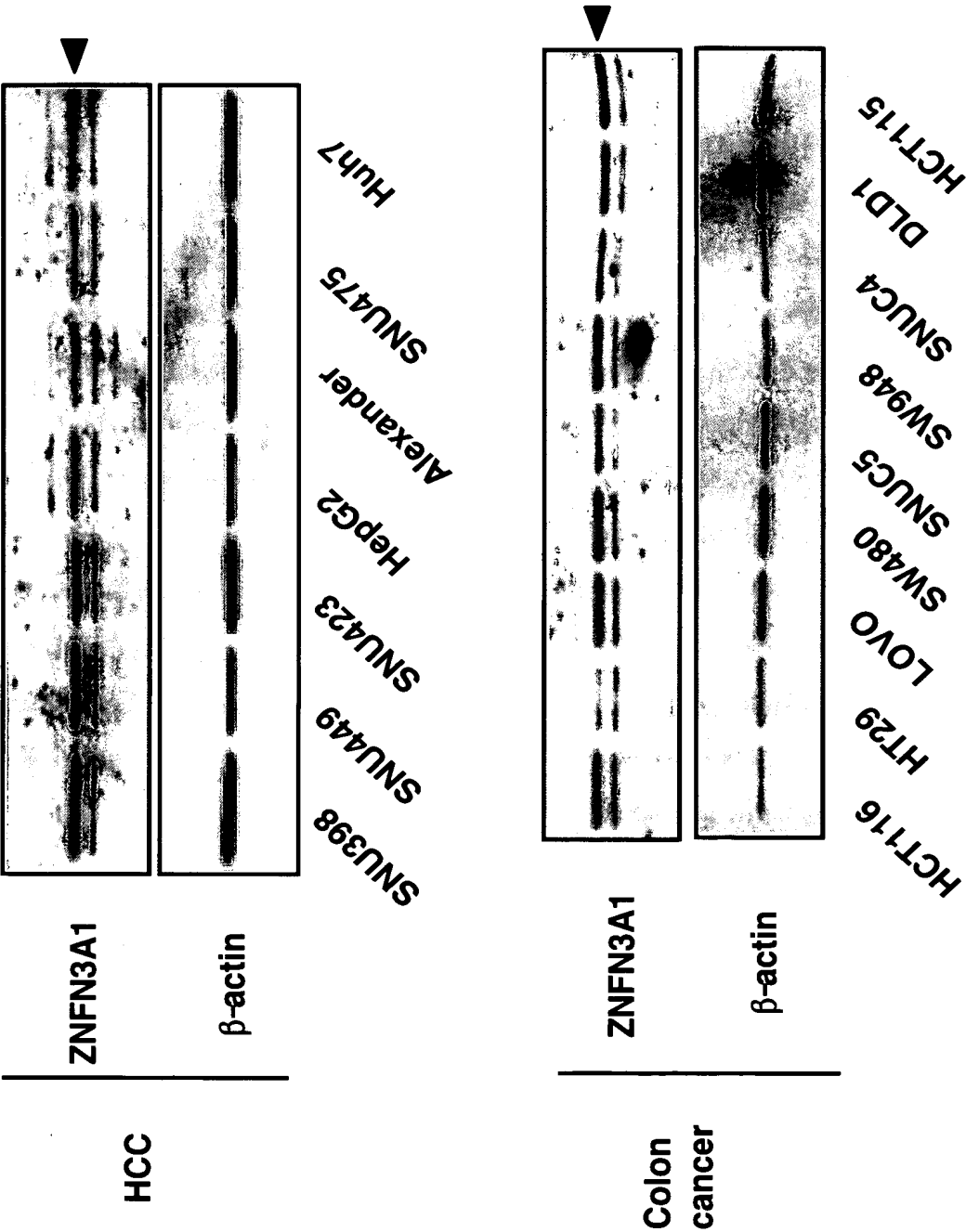


FIG. 14

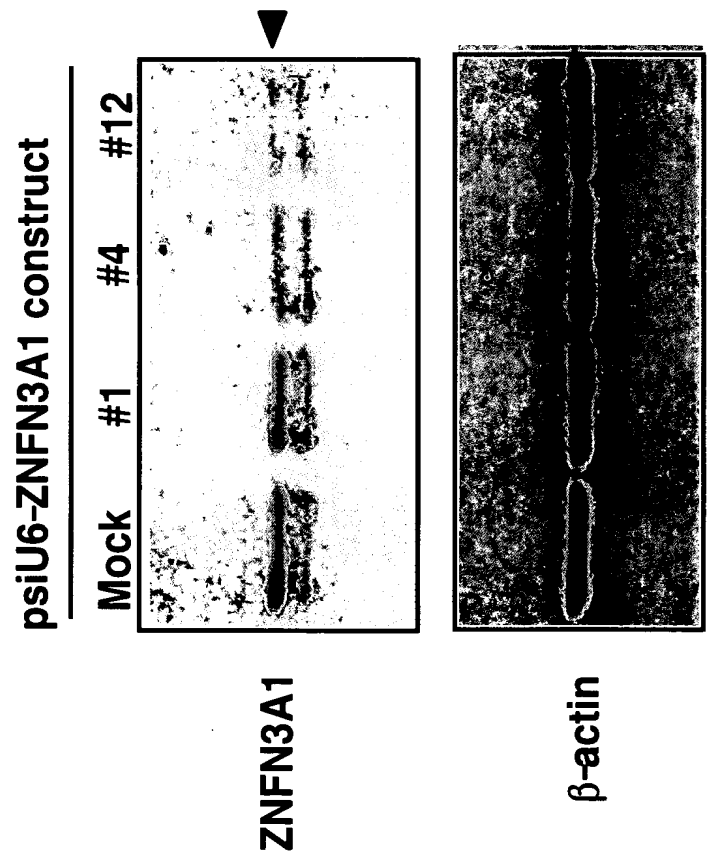


FIG. 15

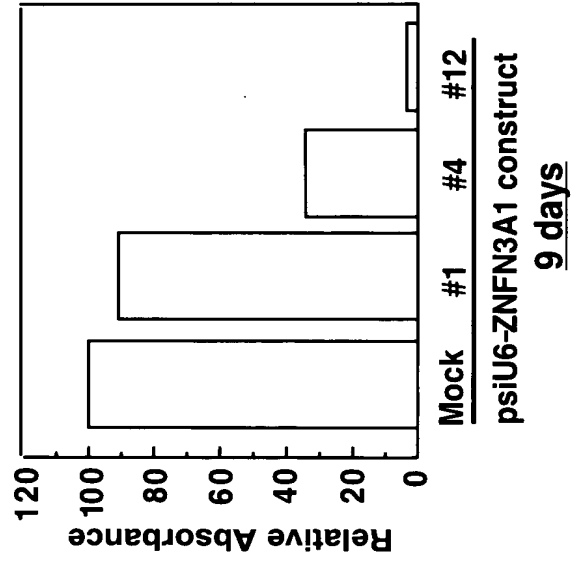


FIG. 16B

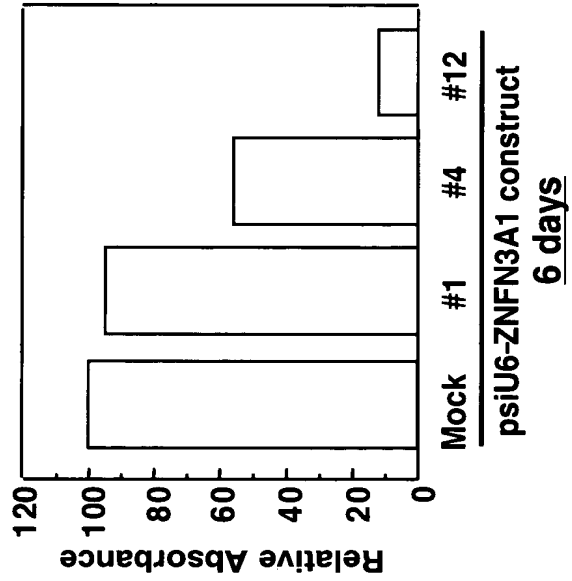


FIG. 16A

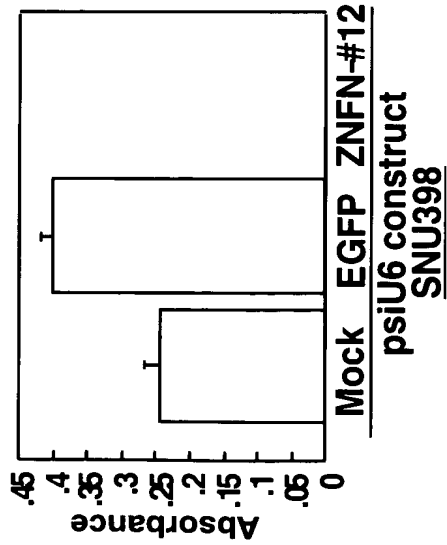


FIG. 17A

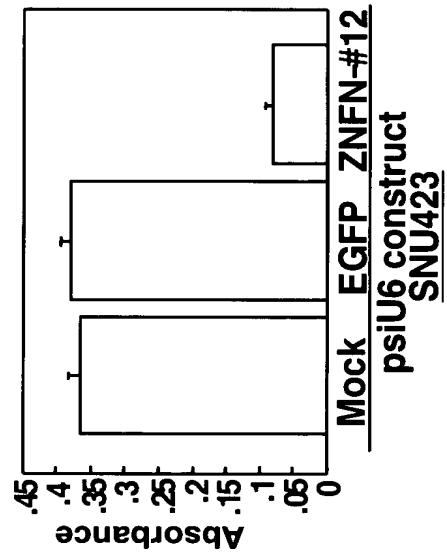


FIG. 17B

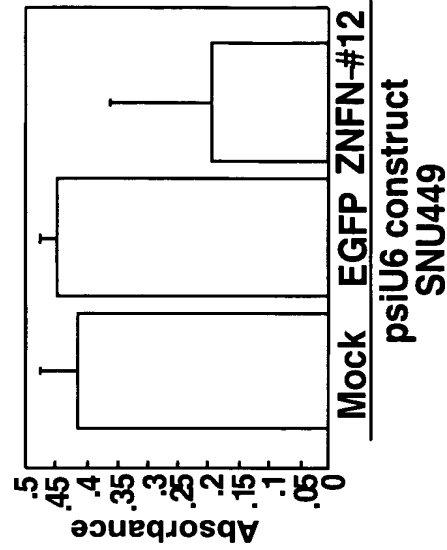


FIG. 17C

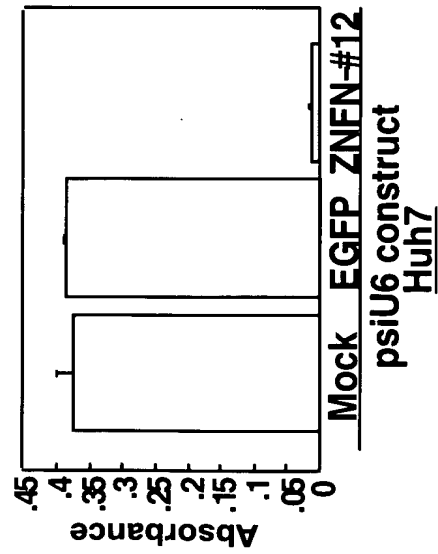


FIG. 17D

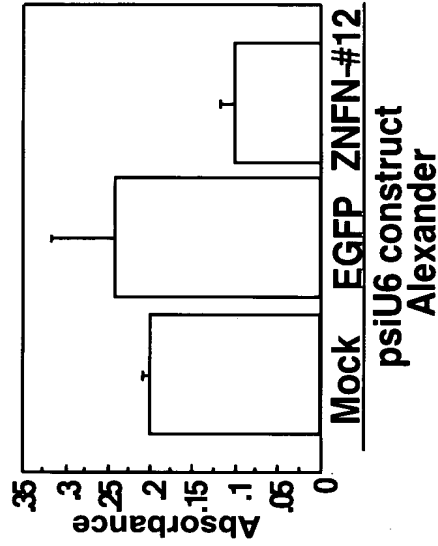


FIG. 17E

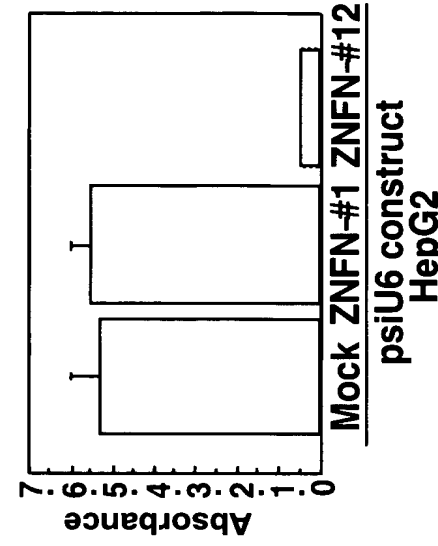


FIG. 17F

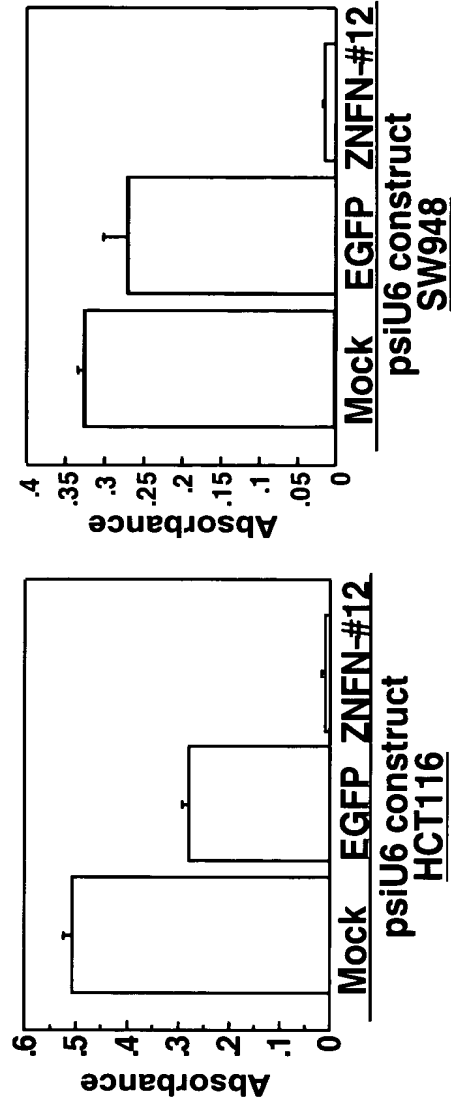
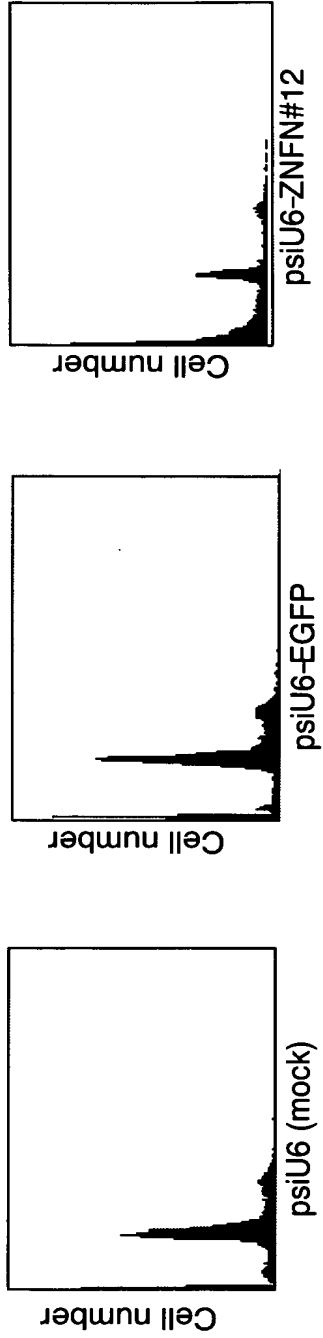


FIG. 17G

FIG. 17H



Transfected plasmids	Region (%)			
	Sub-G1	G0/G1	S	G2/M
psiU6 (Mock)	16.01	71.18	5.07	7.15
psiU6-EGFP	16.32	58.87	10.91	12.43
psiU6-ZNFN#12	62.30	26.23	4.42	6.53

FIG. 18